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Substitute for form 1449A/PTO			Application Number	10/626.354
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Filing Date	July 24, 2003
(use as many sheets as necessary)			First Named Inventor	James D. Schultz
			Art Unit	Unknown
			Examiner Name	Unknown
			Attorney Docket Number	SHAWR-001BC
Sheet	1	of	1	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code 2 (# known)			
LSC		US-2,397,688	04-02-1946	S.B. Osinski	
		US-2,433,917	01-06-1948	W.J. McCartney	
		US-2,920,303	01-05-1960	A.R. Johnson	
		US-3,038,141	06-05-1962	F.A. Chiuchiolo	
		US-3,510,822	05-05-1970	E.M. Patterson	
		US-3,609,647	09-28-1971	A. Castellano	
		US-3,716,651	02-13-1973	A. Werner	
		US-3,814,834	06-04-1974	J. Glader	
		US-3,879,101	04-22-1975	G. McKissie	
		US-3,922,478	11-25-1975	P. Perkey	
		US-3,926,330	12-16-1975	D. Deming	
		US-4,135,337	01-23-1979	L. Medlin	
		US-4,165,443	08-21-1979	E. Figart	
		US-4,336,418	06-22-1982	R. Hoag	
		US-4,780,088	10-25-1988	E. Means	
		US-4,918,258	04-17-1990	D. Ayers	
		US-4,924,032	05-08-1990	C. Akins	
		US-5,326,933	07-05-1994	H. Freunder	
		US-5,399,806	03-21-1995	R. Olson	
LSC		US-5,471,012	11-28-1995	G. Opel	

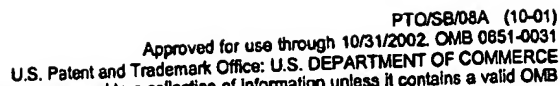
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Examiner Signature	Dhiru R Patel	Date Considered	6/19/04
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Signature	<i>Thirun Patel</i>	Date Considered	6/19/04
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Signature**

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Date Considered

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